



FORM PTO-1449	APPLICATION NO. 10/620,832	ATTORNEY DOCKET NO. 10114-15 (WSU 03-636)
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	FILING DATE July 16, 2003	GROUP ART UNIT 1714
(use several sheets if necessary)	FIRST NAMED INVENTOR: ESIN GULARI ET AL.	
	EXAMINER NAME: Kriellion Antionette Sanders	

EXAMINER INITIALS	Cite No.	DOCUMENT NUMBER Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where, Relevant Passages or Relevant Figures Appear
KS	A1	2004/0106720 A1	06/03/2004	JEROME ET AL.	
KS	A2	2005/0014867 A1	01/20/2005	GULARI ET AL.	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No.	Foreign Patent Document Country Code, Number -Number- Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where, Relevant Passages or Relevant Figures Appear	T
KS	A3	DE 198 21 477 A1	11/18/1999	BASF AG		
KS	A4	DE 100 36 336 A1	02/07/2002	BAYER AG		
KS	A5	EP 1 247 829 A1	10/09/2002	UNIVERSITY OF LIEGE		

EXAMINER INITIAL	NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.					T
KS	A6	Qian Zhao, et al., "Supercritical CO ₂ -Mediated Intercalation of PEO in Clay," July 9, 2003 (revised 8/01/2003), Macromolecules, Vol. 36, No. 19, pp. 6967-6969.				
↑	A7	Tomas Berglof, et al., "Metsulfuron Methyl Sorption—Desorption in Field-Moist Soils," May 2, 2003, J. Agric. Food Chem., Vol. 51, No. 12, pp. 3598-3603.				
↑	A8	M. L. Occelli, et al., "Surface Area, Pore Volume Distributio, and Acidity in Mesoporous Expanded Clay Catalysts from Hybrid Density Functional Theory (DFT) and Adsorption Microcalorimetry Methods," June 20, 2002 (final form 9/11/2002), Langmuir, Vol. 18, No. 25, pp. 9816-9823.				
↑	A9	Ryo Ishii, et al., "A Comparison of Suprecritical Carbon Dioxide and Organic Solvents for the Intercalation of 4-Phenylazoaniline into a Pillared Clay Mineral," April 26, 2002 (accepted 7/22/2002), Journal of Colloid and Interface Science 254, pp. 250-256.				
↑	A10	Masami Okamoto, et al., "Biaxial Flow-Induced Alignment of Silicate Layers in Polypropylene/Clay Nanocomposite Foam," June 27, 2001 (revised 7/17/2001), Nano Lett., Vol. 1, No. 9, pp. 503-505.				
↓	A11	Z. Ding, et al., "Characterization of Pore Structure and Coordination of Titanium in TiO ₂ and SiO ₂ —TiO ₂ Sol-Pillared Clays," August 29, 2000 (accepted 2/27/2001), Journal of Colloid and Interface Science 238, pp. 267-272.				
KS	A12	Walter Fiddler, et al., "Potential Artifact Formation of Dioxins in Ball Clay During Supercritical Fluid Extraction," April 25, 2000 (accepted 8/01/2000), Journal of Chromatography A, 902, pp. 427-432.				

EXAMINER <i>Kriellion Sanders</i>	DATE CONSIDERED 8 / 06
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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KS	A13	Gerson L. V. Coelho, et al., "Desorption of Ethyl Acetate from Adsorbent Surfaces (Organoclay) by Supercritical Carbon Dioxide," Published on Web November 10, 2000, Ind. Eng. Chem. Res., Vol. 40, No. 1, pp. 364-368.	
↑	A14	L. Morselli, et al., "Supercritical Fluid Extraction for the Determination of Petroleum Hydrocarbons in Soil," © 1999, Journal of Chromatography A, 845, pp. 357-363.	
	A15	A. C. Pierre, et al., "DLVO Theory and Clay Aggregate Architectures Formed with AlCl ₃ , September 17, 1998 (accepted 10/26/1998), Journal of the European Ceramic Society 19, pp. 1615-1622.	
	A16	Lionel Spack, et al., "Comparison of Supercritical Fluid Extraction (SFE), Soxhlet and Shaking Methods for Pendimethalin Extraction From Soils: Effect of Soil Properties and Water Content," © 1998, Journal of Contaminant Hydrology 33, pp. 171-185.	
	A17	Shijiang Liang, et al., "Extraction of Petroleum Hydrocarbons from Soil Using Supercritical Argon," February 1, 1998, Analytical Chemistry, Vol. 70, No. 3, pp. 616-622.	
	A18	R. Montero-Vazquez, et al., "Kinetics of the Extraction of Pyrene Using Carbon Dioxide in Dense Phase," February 20, 2002, (© 2003), Chemosphere 53, pp. 789-793.	
	A19	Mihaela Popovici, et al., "Ultraporous Single Phase Iron Oxide-Silica Nanostructured Aerogels from Ferrous Precursors," June 19, 2003 (published 2004), Langmuir, Vol. 20, No. 4, pp. 425-1429.	
	A20	Brady J. Clapsaddle, et al., "Silicon Oxide in an Iron (III) Oxide Matrix: The Sol-Gel Synthesis and Characterization of Fe-Si mixed Oxide Nanocomposites that Contain Iron Oxide As the Major Phase," April 9, 2003 (© 2003), Journal of Non-Crystalline Solids, Vol. 331, pp. 190-201.	
	A21	Youhei Fujimoto, et al., "Well-Controlled Biodegradable Nanocomposite Foams: From Microcellular to Nanocellular," 2003, Macromolecular Rapid Communications, Vol. 24, pp. 457-461.	
	A22	Azusa Kameo, et al., "Preparation of Noble Metal Nanoparticles in Supercritical Carbon Dioxide," July 2, 2002 (accepted 9/26/2002), Colloids and Surfaces A: Physicochem. Eng. Aspects, Vol. 215, pp. 181-189.	
	A23	Adam Zerda, et al., "Highly Concentrated, Intercalated Silicate Nanocomposites: Synthesis and Characterization," August 19, 2002 (published 2/11/2003), Macromolecules, Vol. 36, pp. 1603-1608.	
↓	A24	Jianxin Zhang, et al., "Preparation of a Poly (Methyl Methacrylate)/ Ultrahigh Molecular Weight Polyethylene Blend Using Supercritical Carbon Dioxide and the Identification of a Three-Phase Structure: An Atomic Force Microscopy Study," December 28, 2001 (published 10/05/2002), Macromolecules, Vol. 35, pp. 8869-8877.	
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KS	A26	Li. Casas, et al., "Silica Aerogel-Iron Oxide Nanocomposites: Structural and Magnetic Properties," 2001, Journal of Non-Crystalline Solids, Vol. 285, pp. 37-43.	
↑	A27	Catherine A. Morris, "Modifying Nanoscale Silica With Itself: A Method to Control Surface Properties of Silica Aerogels Independently of Bulk Structure," 2001, Journal of Non-Crystalline Solids, Vol. 285, pp. 29-36.	
	A28	Ken Johns, "Supercritical Fluids-A Novel Approach to Magnetic Media Production?," © 1999, Tribology International, Vol. 31, No. 9, pp. 485-490.	
	A29	James J. Watkins, et al., "Polymer/Metal Nanocomposite Synthesis in Supercritical CO ₂ ," July 10, 1995 (received 9/27/1995), Chemistry of Materials, Vol. 7, No. 11, pp. 1991-1994.	
	A30	R. Montero-Vazquez, et al., "Kinetics of the Extraction of Pyrene Using Carbon Dioxide in Dense Phase," May 2, 2003 (accepted 5/13/2003), Chemosphere, Vol. 53, pp. 789-793.	
	A31	Valeriy V. Ginzburg, et al., "Theoretical Phase Diagrams of Polymer/Clay Composites: The Role of Grafted Organic Modifiers," August 9, 1989 (received 11/03/1999), Macromolecules, Vol. 33, No. 3, pp. 1089-1099.	
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	A33	Manuel Garcia-Leiner et al., "Processing of Intractable Polymers Using High-Pressure Carbon Dioxide," 2003, ANTEC, pp. 1610-1614.	
	A34	Manuel Garcia-Leiner et al., "A Study of the Foaming Process of Polyethylene with High Pressure CO ₂ in a Modified Extrusion System."	
✓	A35	Manuel Garcia-Leiner et al., "Drawing of UHMWPE Fibers in the Presence of Supercritical CO ₂ ."	
KS	A36	Xiangmin Han et al., "Extrusion of Polystyrene Nanocomposite Foams with Supercritical CO ₂ ," June 2003, Polymer Engineering and Science, Vol. 43, No. 6, pp. 1261-1275.	

NOTE: For "T" - please place an "X" if an English translation is being provided to the Patent Office.

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